

Seized Drug Analysis Exam Blueprint

Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %		
1 Science & Math			23%		
1.2 Chemistry	C2: Prepare samples for qualitative GC-MS analysis	1	9.5%		
	C4: Evaluate qualitative GC-MS data				
	E1: Evaluate seized drug case data				
	F3: Review technical information				
	I8: Participate in seized drug proficiency tests				
	A1: Clean laboratory work area	2			
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline				
	A4: Prepare instrumental reagents				
	A5: Prepare testing reagents (e.g., acid/base solutions, derivatizing				
	B12: Perform color tests				
	C1: Select qualitative instrumental analysis				
	C5: Prepare samples for qualitative FTIR analysis				
	C7: Evaluate qualitative FTIR data				
	E2: Perform additional analysis				
	E4: Complete review process				
	G2: Provide judicial seized drug expert testimony				
	I15: Verify screening test reagent performance				
	B5: Coordinate analysis with other disciplines	3			
	B9: Select evidence items for analysis				
	C10: Evaluate qualitative GC-FID data				
	C3: Perform qualitative GC-MS analysis				
	C6: Perform qualitative FTIR analysis				
	C8: Prepare samples for qualitative GC-FID analysis				
	F5: Participate in case record mediation				
	G1: Participate in pretrial conferences				
	H1: Review current seized drug literature				
	I2: Maintain seized drug reference standards				
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)				
	J3: Perform validation studies				
	J4: Evaluate validation data				
	K1: Perform preventative GC-MS maintenance				
	K2: Verify GC-MS performance				
	K25: Perform preventative FTIR maintenance				
	K26: Verify FTIR performance				
	K27: Perform FTIR troubleshooting				
	K3: Perform GC-MS troubleshooting				
	K5: Verify GC-FID performance				
	B10: Document sample quantity (e.g., weight, volume, count)	4			
	B11: Implement sampling plan				
	B14: Perform microscopic analysis				
	B16: Perform physical identification				
	B2: Maintain COC				
	B3: Generate case notes				
	B6: Verify case information				
	B7: Verify case integrity (e.g., seals, leaks, tears)				
	B8: Inventory received evidence				
	C9: Perform qualitative GC-FID analysis				
	E3: Prepare final case packet				
	E6: Deliver customer results				
	F6: Approve final report				
	H6: Research current seized drug trends				
	H7: Review judicial rulings				
	I1: Maintain measurement uncertainty budgets				
	I4: Verify safety equipment performance				
	I6: Perform laboratory audits (e.g., safety, quality, evidence)				
	K28: Perform preventative balance maintenance				
	K29: Verify balance performance				
	K30: Perform balance troubleshooting				
	K34: Perform microscope maintenance				
	K4: Perform preventative GC-FID maintenance				
	K6: Perform GC-FID troubleshooting				
	M8: Respond to discovery orders	1	6.3%		
	B11: Implement sampling plan				
	B9: Select evidence items for analysis				
	B10: Document sample quantity (e.g., weight, volume, count)				
	E1: Evaluate seized drug case data			2	
	F3: Review technical information				
G2: Provide judicial seized drug expert testimony					
I1: Maintain measurement uncertainty budgets					
E2: Perform additional analysis					
E4: Complete review process	1				
H1: Review current seized drug literature					

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %	
1.5 Statistics	I5: Participate in laboratory audits (e.g., safety, quality, evidence)	3		
	J3: Perform validation studies			
	J4: Evaluate validation data			
	K29: Verify balance performance			
	A1: Clean laboratory work area			
	tests)			
	A4: Prepare instrumental reagents			
	agents, solvent mixtures)			
	B12: Perform color tests			
	B14: Perform microscopic analysis			
	B16: Perform physical identification			
	B2: Maintain COC			
	B3: Generate case notes			
	B5: Coordinate analysis with other disciplines			
	B6: Verify case information			
	B7: Verify case integrity(e.g., seals, leaks, tears)			
	B8: Inventory received evidence			
	C1: Select qualitative instrumental analysis			
	C10: Evaluate qualitative GC-FID data			
	C2: Prepare samples for qualitative GC-MS analysis			
	C3: Perform qualitative GC-MS analysis			
	C4: Evaluate qualitative GC-MS data			
	C5: Prepare samples for qualitative FTIR analysis			
	C6: Perform qualitative FTIR analysis			
	C7: Evaluate qualitative FTIR data			
	C8: Prepare samples for qualitative GC-FID analysis			
	C9: Perform qualitative GC-FID analysis			
	E3: Prepare final case packet	4		
	E6: Deliver customer results			
	F5: Participate in case record mediation			
	F6: Approve final report			
	G1: Participate in pretrial conferences			
	H6: Research current seized drug trends			
	H7: Review judicial rulings			
	I15: Verify screening test reagent performance			
	I2: Maintain seized drug reference standards			
	I4: Verify safety equipment performance			
	I6: Perform laboratory audits (e.g., safety, quality, evidence)			
	I8: Participate in seized drug proficiency tests			
	K1: Perform preventative GC-MS maintenance			
	K2: Verify GC-MS performance			
	K25: Perform preventative FTIR maintenance			
	K26: Verify FTIR performance			
	K27: Perform FTIR troubleshooting			
	K28: Perform preventative balance maintenance			
	K3: Perform GC-MS troubleshooting			
	K30: Perform balance troubleshooting			
	K34: Perform microscope maintenance			
	K4: Perform preventative GC-FID maintenance			
	K5: Verify GC-FID performance			
	K6: Perform GC-FID troubleshooting			
	M8: Respond to discovery orders			
	B10: Document sample quantity (e.g., weight, volume, count)			1
	B11: Implement sampling plan			
	F3: Review technical information			2
	B9: Select evidence items for analysis			
	E1: Evaluate seized drug case data			
	G2: Provide judicial seized drug expert testimony			3
	I1: Maintain measurement uncertainty budgets			
	A3: Prepare screeningtest reagents (e.g., color tests, microcrystalline			
A4: Prepare instrumental reagents				
A5: Prepare testing reagents (e.g., acid/base solutions,derivatizing				
C2: Prepare samples for qualitative GC-MS analysis				
C4: Evaluate qualitative GC-MS data				
E2: Perform additional analysis				
E4: Complete review process				
F5: Participate in case record mediation				
I2: Maintain seized drug reference standards				
I8: Participate in seized drug proficiency tests				
J3: Perform validation studies				
J4: Evaluate validation data				
K28: Perform preventative balance maintenance				
K29: Verify balance performance				

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
1.6 Math	K30: Perform balance troubleshooting		
	A1: Clean laboratory work area		
	B12: Perform color tests		
	B14: Perform microscopic analysis		
	B16: Perform physical identification		
	B2: Maintain COC		
	B3: Generate case notes		
	B5: Coordinate analysis with other disciplines		
	B6: Verify case information		
	B7: Verify case integrity(e.g., seals, leaks, tears)		
	B8: Inventory received evidence		
	C1: Select qualitative instrumental analysis		
	C10: Evaluate qualitative GC-FID data		
	C3: Perform qualitative GC-MS analysis		
	C5: Prepare samples for qualitative FTIR analysis		
	C6: Perform qualitative FTIR analysis		
	C7: Evaluate qualitative FTIR data		
	C8: Prepare samples for qualitative GC-FID analysis		
	C9: Perform qualitative GC-FID analysis		
	E3: Prepare final case packet		
	E6: Deliver customer results	4	
	F6: Approve final report		
	G1: Participate in pretrial conferences		
	H1: Review current seized drug literature		
	H6: Research current seized drug trends		
	H7: Review judicial rulings		
	I15: Verify screening test reagent performance		
	I4: Verify safety equipment performance		
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)		
	I6: Perform laboratory audits (e.g., safety, quality, evidence)		
	K1: Perform preventative GC-MS maintenance		
	K2: Verify GC-MS performance		
	K25: Perform preventative FTIR maintenance		
	K26: Verify FTIR performance		
	K27: Perform FTIR troubleshooting		
	K3: Perform GC-MS troubleshooting		
	K34: Perform microscope maintenance		
	K4: Perform preventative GC-FID maintenance		
	K5: Verify GC-FID performance		
	K6: Perform GC-FID troubleshooting		
M8: Respond to discovery orders			

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
2 Quality Assurance/Quality Control			20%
2.1 Accreditation Standards	B2: Maintain COC	1	8.5%
	B3: Generate case notes		
	B6: Verify case information		
	B8: Inventory received evidence		
	E3: Prepare final case packet		
	E4: Complete review process		
	E6: Deliver customer results		
	F3: Review technical information	2	
	F6: Approve final report		
	G2: Provide judicial seized drug expert testimony		
	I2: Maintain seized drug reference standards		
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)		
	I8: Participate in seized drug proficiency tests		
	A1: Clean laboratory work area		
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline		
	A4: Prepare instrumental reagents		
	B10: Document sample quantity (e.g., weight, volume, count)		
	B11: Implement sampling plan		
	B7: Verify case integrity (e.g., seals, leaks, tears)		
	B9: Select evidence items for analysis		
	C2: Prepare samples for qualitative GC-MS analysis		
	C4: Evaluate qualitative GC-MS data		
	E1: Evaluate seized drug case data	3	
	E2: Perform additional analysis		
	F5: Participate in case record mediation		
	I1: Maintain measurement uncertainty budgets		
	I15: Verify screening test reagent performance		
	I6: Perform laboratory audits (e.g., safety, quality, evidence)		
	J3: Perform validation studies		
	K2: Verify GC-MS performance		
	K26: Verify FTIR performance		
	K29: Verify balance performance		
	A5: Prepare testing reagents (e.g., acid/base solutions, derivatizing		
	B12: Perform color tests		
	B14: Perform microscopic analysis		
	B16: Perform physical identification		
	B5: Coordinate analysis with other disciplines		
	C1: Select qualitative instrumental analysis		
	C10: Evaluate qualitative GC-FID data		
	C3: Perform qualitative GC-MS analysis		
	C5: Prepare samples for qualitative FTIR analysis		
	C6: Perform qualitative FTIR analysis		
	C7: Evaluate qualitative FTIR data		
	C8: Prepare samples for qualitative GC-FID analysis		
	C9: Perform qualitative GC-FID analysis		
	G1: Participate in pretrial conferences		
	H1: Review current seized drug literature	4	
	H6: Research current seized drug trends		
	H7: Review judicial rulings		
	I4: Verify safety equipment performance		
J4: Evaluate validation data			
K1: Perform preventative GC-MS maintenance			
K25: Perform preventative FTIR maintenance			
K27: Perform FTIR troubleshooting			
K28: Perform preventative balance maintenance			
K3: Perform GC-MS troubleshooting			
K30: Perform balance troubleshooting			
K34: Perform microscope maintenance			
K4: Perform preventative GC-FID maintenance			
K5: Verify GC-FID performance			
K6: Perform GC-FID troubleshooting			
M8: Respond to discovery orders			
B3: Generate case notes	1	11.2%	
F3: Review technical information			
I8: Participate in seized drug proficiency tests			
A1: Clean laboratory work area			
B10: Document sample quantity (e.g., weight, volume, count)			
B11: Implement sampling plan			
B12: Perform color tests			
B6: Verify case information			
B7: Verify case integrity (e.g., seals, leaks, tears)			
B8: Inventory received evidence			

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
2.3 Quality Control (e.g. SWGDRUG, OSAC)	B9: Select evidence items for analysis	2	
	C1: Select qualitative instrumental analysis		
	C2: Prepare samples for qualitative GC-MS analysis		
	C3: Perform qualitative GC-MS analysis		
	C6: Perform qualitative FTIR analysis		
	E1: Evaluate seized drug case data		
	E2: Perform additional analysis		
	E4: Complete review process		
	G2: Provide judicial seized drug expert testimony		
	I1: Maintain measurement uncertainty budgets		
	I15: Verify screening test reagent performance		
	I2: Maintain seized drug reference standards		
	K2: Verify GC-MS performance		
	K26: Verify FTIR performance		
	K29: Verify balance performance		
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline agents, solvent mixtures)	3	
	A4: Prepare instrumental reagents		
	B16: Perform physical identification		
	B2: Maintain COC		
	C4: Evaluate qualitative GC-MS data		
	C5: Prepare samples for qualitative FTIR analysis		
	C7: Evaluate qualitative FTIR data		
	C8: Prepare samples for qualitative GC-FID analysis		
	E3: Prepare final case packet		
	E6: Deliver customer results		
	F5: Participate in case record mediation		
	F6: Approve final report		
	G1: Participate in pretrial conferences		
	I4: Verify safety equipment performance		
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)		
I6: Perform laboratory audits (e.g., safety, quality, evidence)			
J3: Perform validation studies	4		
J4: Evaluate validation data			
K1: Perform preventative GC-MS maintenance			
K25: Perform preventative FTIR maintenance			
K27: Perform FTIR troubleshooting			
K28: Perform preventative balance maintenance			
K3: Perform GC-MS troubleshooting			
K30: Perform balance troubleshooting			
M8: Respond to discovery orders			
B14: Perform microscopic analysis			
B5: Coordinate analysis with other disciplines			
C10: Evaluate qualitative GC-FID data			
C9: Perform qualitative GC-FID analysis			
H1: Review current seized drug literature			
H6: Research current seized drug trends			
H7: Review judicial rulings			
K34: Perform microscope maintenance			
K4: Perform preventative GC-FID maintenance			
K5: Verify GC-FID performance			
K6: Perform GC-FID troubleshooting			
4 Communication			9%
	B2: Maintain COC	1	9.1%
	B3: Generate case notes		
	E3: Prepare final case packet		
	E4: Complete review process		
	E6: Deliver customer results		
	F3: Review technical information		
	F6: Approve final report		
	B10: Document sample quantity (e.g., weight, volume, count)	2	
	B11: Implement sampling plan		
	B12: Perform color tests		
	B7: Verify case integrity (e.g., seals, leaks, tears)		
	E2: Perform additional analysis		
	F5: Participate in case record mediation		
	G1: Participate in pretrial conferences		
	G2: Provide judicial seized drug expert testimony		
I5: Participate in laboratory audits (e.g., safety, quality, evidence)			
I8: Participate in seized drug proficiency tests			
M8: Respond to discovery orders			
B14: Perform microscopic analysis			
B16: Perform physical identification			

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %		
4.1 Communication (e.g. public speaking, report writing)	B8: Inventory received evidence C4: Evaluate qualitative GC-MS data C7: Evaluate qualitative FTIR data E1: Evaluate seized drug case data I6: Perform laboratory audits (e.g., safety, quality, evidence) J3: Perform validation studies	3			
	A1: Clean laboratory work area A3: Prepare screening test reagents (e.g., color tests, microcrystalline) A4: Prepare instrumental reagents agents, solvent mixtures) B6: Verify case information B9: Select evidence items for analysis C1: Select qualitative instrumental analysis C10: Evaluate qualitative GC-FID data C2: Prepare samples for qualitative GC-MS analysis C3: Perform qualitative GC-MS analysis C5: Prepare samples for qualitative FTIR analysis C6: Perform qualitative FTIR analysis C8: Prepare samples for qualitative GC-FID analysis C9: Perform qualitative GC-FID analysis H1: Review current seized drug literature H6: Research current seized drug trends H7: Review judicial rulings		4		
	I1: Maintain measurement uncertainty budgets I15: Verify screening test reagent performance I2: Maintain seized drug reference standards I4: Verify safety equipment performance J4: Evaluate validation data K1: Perform preventative GC-MS maintenance K2: Verify GC-MS performance K25: Perform preventative FTIR maintenance K26: Verify FTIR performance K27: Perform FTIR troubleshooting K28: Perform preventative balance maintenance K29: Verify balance performance K3: Perform GC-MS troubleshooting K30: Perform balance troubleshooting K34: Perform microscope maintenance K4: Perform preventative GC-FID maintenance K5: Verify GC-FID performance K6: Perform GC-FID troubleshooting				

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %		
5 Process			23%		
5.1 Organizational (e.g. Time management/Multitasking)	B10: Document sample quantity (e.g., weight, volume, count)	2	9.5%		
	B11: Implement sampling plan				
	B2: Maintain COC				
	B3: Generate case notes				
	B9: Select evidence items for analysis				
	C2: Prepare samples for qualitative GC-MS analysis				
	E2: Perform additional analysis				
	E3: Prepare final case packet				
	E4: Complete review process				
	F3: Review technical information				
	G2: Provide judicial seized drug expert testimony				
	I2: Maintain seized drug reference standards				
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)				
	A1: Clean laboratory work area			3	
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline agents, solvent mixtures)				
	A4: Prepare instrumental reagents				
	B12: Perform color tests				
	B16: Perform physical identification				
	B5: Coordinate analysis with other disciplines				
	B7: Verify case integrity (e.g., seals, leaks, tears)				
	B8: Inventory received evidence				
	C3: Perform qualitative GC-MS analysis				
	C5: Prepare samples for qualitative FTIR analysis				
	C6: Perform qualitative FTIR analysis				
	E1: Evaluate seized drug case data				
	E6: Deliver customer results				
	F5: Participate in case record mediation				
	F6: Approve final report				
	G1: Participate in pretrial conferences				
	I1: Maintain measurement uncertainty budgets				
	I15: Verify screening test reagent performance				
	I4: Verify safety equipment performance				
	I6: Perform laboratory audits (e.g., safety, quality, evidence)				
	I8: Participate in seized drug proficiency tests				
	J3: Perform validation studies				
	K1: Perform preventative GC-MS maintenance				
	K2: Verify GC-MS performance				
	K25: Perform preventative FTIR maintenance				
	K26: Verify FTIR performance				
	K27: Perform FTIR troubleshooting				
	K28: Perform preventative balance maintenance				
	K29: Verify balance performance				
	K3: Perform GC-MS troubleshooting				
	K30: Perform balance troubleshooting				
	M8: Respond to discovery orders	4			
	B14: Perform microscopic analysis				
	B6: Verify case information				
	C1: Select qualitative instrumental analysis				
	C10: Evaluate qualitative GC-FID data				
	C4: Evaluate qualitative GC-MS data				
	C7: Evaluate qualitative FTIR data				
	C8: Prepare samples for qualitative GC-FID analysis				
	C9: Perform qualitative GC-FID analysis				
	H1: Review current seized drug literature				
	H6: Research current seized drug trends				
	H7: Review judicial rulings				
	J4: Evaluate validation data				
	K34: Perform microscope maintenance				
	K4: Perform preventative GC-FID maintenance				
	K5: Verify GC-FID performance				
	K6: Perform GC-FID troubleshooting				
	B10: Document sample quantity (e.g., weight, volume, count)	1			
	B11: Implement sampling plan				
	B2: Maintain COC				
	B7: Verify case integrity (e.g., seals, leaks, tears)				
	B8: Inventory received evidence				
	C1: Select qualitative instrumental analysis				
	C4: Evaluate qualitative GC-MS data				
	E1: Evaluate seized drug case data				
	E4: Complete review process				
	F3: Review technical information				

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
5.2 Critical thinking (e.g. data interpretation, problem solving)	F6: Approve final report		
	I8: Participate in seized drug proficiency tests		
	A1: Clean laboratory work area		13.7%
	B12: Perform color tests		
	B6: Verify case information		
	B9: Select evidence items for analysis		
	C2: Prepare samples for qualitative GC-MS analysis		
	C3: Perform qualitative GC-MS analysis		
	C5: Prepare samples for qualitative FTIR analysis		
	C6: Perform qualitative FTIR analysis		
	C7: Evaluate qualitative FTIR data		
	E2: Perform additional analysis		
	E3: Prepare final case packet	2	
	F5: Participate in case record mediation		
	G2: Provide judicial seized drug expert testimony		
	H1: Review current seized drug literature		
	I1: Maintain measurement uncertainty budgets		
	I15: Verify screening test reagent performance		
	I2: Maintain seized drug reference standards		
	K2: Verify GC-MS performance		
	K26: Verify FTIR performance		
	K27: Perform FTIR troubleshooting		
	K3: Perform GC-MS troubleshooting		
	K30: Perform balance troubleshooting		
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline		
	A4: Prepare instrumental reagents		
	agents, solvent mixtures)		
	B14: Perform microscopic analysis		
	B16: Perform physical identification		
	B3: Generate case notes		
	B5: Coordinate analysis with other disciplines		
	C10: Evaluate qualitative GC-FID data		
	C8: Prepare samples for qualitative GC-FID analysis		
	C9: Perform qualitative GC-FID analysis		
	G1: Participate in pretrial conferences		
	H6: Research current seized drug trends		
	H7: Review judicial rulings	3	
	I4: Verify safety equipment performance		
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)		
	I6: Perform laboratory audits (e.g., safety, quality, evidence)		
J3: Perform validation studies			
J4: Evaluate validation data			
K1: Perform preventative GC-MS maintenance			
K25: Perform preventative FTIR maintenance			
K28: Perform preventative balance maintenance			
K29: Verify balance performance			
K5: Verify GC-FID performance			
K6: Perform GC-FID troubleshooting			
M8: Respond to discovery orders			
E6: Deliver customer results	4		
K34: Perform microscope maintenance			
K4: Perform preventative GC-FID maintenance			

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
6 Laboratory			18%
6.2 Bench Chemistry Procedures	A1: Clean laboratory work area A3: Prepare screening test reagents (e.g., color tests, microcrystalline) A4: Prepare instrumental reagents A5: Prepare testing reagents (e.g., acid/base solutions, derivatizing) B12: Perform color tests C2: Prepare samples for qualitative GC-MS analysis C5: Prepare samples for qualitative FTIR analysis E4: Complete review process F3: Review technical information G2: Provide judicial seized drug expert testimony I15: Verify screening test reagent performance I8: Participate in seized drug proficiency tests	2	7.1%
	B16: Perform physical identification C1: Select qualitative instrumental analysis C8: Prepare samples for qualitative GC-FID analysis E1: Evaluate seized drug case data E2: Perform additional analysis I5: Participate in laboratory audits (e.g., safety, quality, evidence) J3: Perform validation studies K28: Perform preventative balance maintenance	3	
	B10: Document sample quantity (e.g., weight, volume, count) B11: Implement sampling plan B14: Perform microscopic analysis B2: Maintain COC B3: Generate case notes B5: Coordinate analysis with other disciplines B6: Verify case information B7: Verify case integrity (e.g., seals, leaks, tears) B8: Inventory received evidence B9: Select evidence items for analysis C10: Evaluate qualitative GC-FID data C3: Perform qualitative GC-MS analysis C4: Evaluate qualitative GC-MS data C6: Perform qualitative FTIR analysis C7: Evaluate qualitative FTIR data C9: Perform qualitative GC-FID analysis E3: Prepare final case packet E6: Deliver customer results F5: Participate in case record mediation F6: Approve final report G1: Participate in pretrial conferences H1: Review current seized drug literature H6: Research current seized drug trends H7: Review judicial rulings I1: Maintain measurement uncertainty budgets I2: Maintain seized drug reference standards I4: Verify safety equipment performance I6: Perform laboratory audits (e.g., safety, quality, evidence) J4: Evaluate validation data K1: Perform preventative GC-MS maintenance K2: Verify GC-MS performance K25: Perform preventative FTIR maintenance K26: Verify FTIR performance K27: Perform FTIR troubleshooting K29: Verify balance performance K3: Perform GC-MS troubleshooting K30: Perform balance troubleshooting K34: Perform microscope maintenance K4: Perform preventative GC-FID maintenance K5: Verify GC-FID performance K6: Perform GC-FID troubleshooting M8: Respond to discovery orders	4	
	C1: Select qualitative instrumental analysis C2: Prepare samples for qualitative GC-MS analysis C3: Perform qualitative GC-MS analysis C4: Evaluate qualitative GC-MS data E4: Complete review process F3: Review technical information I8: Participate in seized drug proficiency tests K1: Perform preventative GC-MS maintenance K2: Verify GC-MS performance K26: Verify FTIR performance	1	10.8%

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Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
6.3 Instrumentation	A4: Prepare instrumental reagents C5: Prepare samples for qualitative FTIR analysis C6: Perform qualitative FTIR analysis C7: Evaluate qualitative FTIR data E1: Evaluate seized drug case data E2: Perform additional analysis G2: Provide judicial seized drug expert testimony K25: Perform preventative FTIR maintenance K27: Perform FTIR troubleshooting K28: Perform preventative balance maintenance K29: Verify balance performance K3: Perform GC-MS troubleshooting K30: Perform balance troubleshooting	2	
	A5: Prepare testing reagents (e.g., acid/base solutions, derivatizing) B14: Perform microscopic analysis C10: Evaluate qualitative GC-FID data C8: Prepare samples for qualitative GC-FID analysis C9: Perform qualitative GC-FID analysis F5: Participate in case record mediation H1: Review current seized drug literature I5: Participate in laboratory audits (e.g., safety, quality, evidence) J3: Perform validation studies J4: Evaluate validation data K34: Perform microscope maintenance K4: Perform preventative GC-FID maintenance K5: Verify GC-FID performance K6: Perform GC-FID troubleshooting	3	
	A1: Clean laboratory work area A3: Prepare screening test reagents (e.g., color tests, microcrystalline) B10: Document sample quantity (e.g., weight, volume, count) B11: Implement sampling plan B12: Perform color tests B16: Perform physical identification B2: Maintain COC B3: Generate case notes B5: Coordinate analysis with other disciplines B6: Verify case information B7: Verify case integrity (e.g., seals, leaks, tears) B8: Inventory received evidence B9: Select evidence items for analysis E3: Prepare final case packet E6: Deliver customer results F6: Approve final report G1: Participate in pretrial conferences H6: Research current seized drug trends H7: Review judicial rulings I1: Maintain measurement uncertainty budgets I15: Verify screening test reagent performance I2: Maintain seized drug reference standards I4: Verify safety equipment performance I6: Perform laboratory audits (e.g., safety, quality, evidence) M8: Respond to discovery orders	4	

Seized Drug Analysis Exam Blueprint

Knowledge/Skill Domains	Tasks using domain knowledge & skills	F&I Quartiles (Top to bottom, 1-4)	Test %
8 Legal			7%
8.1 Legal system (e.g. court procedure, statutes)	B11: Implement sampling plan	1	7.2%
	B2: Maintain COC		
	B7: Verify case integrity(e.g., seals, leaks, tears)		
	B9: Select evidence items for analysis		
	E1: Evaluate seized drug case data		
	E3: Prepare final case packet	2	
	E6: Deliver customer results		
	G1: Participate in pretrial conferences		
	G2: Provide judicial seized drug expert testimony		
	M8: Respond to discovery orders		
	B10: Document sample quantity (e.g., weight, volume, count)		
	B16: Perform physical identification		
	B3: Generate case notes		
	B6: Verify case information		
	E2: Perform additional analysis		
	E4: Complete review process	3	
	F3: Review technical information		
	F6: Approve final report		
	H7: Review judicial rulings		
	I1: Maintain measurement uncertainty budgets		
	I5: Participate in laboratory audits (e.g., safety, quality, evidence)		
	A1: Clean laboratory work area		
	A3: Prepare screening test reagents (e.g., color tests, microcrystalline agents, solvent mixtures)		
	A4: Prepare instrumental reagents		
	B12: Perform color tests		
	B14: Perform microscopic analysis		
	B5: Coordinate analysis with other disciplines		
	B8: Inventory received evidence		
	C1: Select qualitative instrumental analysis		
	C10: Evaluate qualitative GC-FID data		
	C2: Prepare samples for qualitative GC-MS analysis		
	C3: Perform qualitative GC-MS analysis		
	C4: Evaluate qualitative GC-MS data		
	C5: Prepare samples for qualitative FTIR analysis		
	C6: Perform qualitative FTIR analysis		
	C7: Evaluate qualitative FTIR data		
	C8: Prepare samples for qualitative GC-FID analysis		
	C9: Perform qualitative GC-FID analysis		
	F5: Participate in case record mediation		
	H1: Review current seized drug literature		
	H6: Research current seized drug trends	4	
	I15: Verify screening test reagent performance		
	I2: Maintain seized drug reference standards		
	I4: Verify safety equipment performance		
	I6: Perform laboratory audits (e.g., safety, quality, evidence)		
	I8: Participate in seized drug proficiency tests		
	J3: Perform validation studies		
	J4: Evaluate validation data		
	K1: Perform preventative GC-MS maintenance		
	K2: Verify GC-MS performance		
	K25: Perform preventative FTIR maintenance		
	K26: Verify FTIR performance		
	K27: Perform FTIR troubleshooting		
	K28: Perform preventative balance maintenance		
	K29: Verify balance performance		
	K3: Perform GC-MS troubleshooting		
	K30: Perform balance troubleshooting		
	K34: Perform microscope maintenance		
	K4: Perform preventative GC-FID maintenance		
	K5: Verify GC-FID performance		
K6: Perform GC-FID troubleshooting			
		field	100.0%
			100%